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## New suspended front axle option brings greater working comfort to Case IH Quantum tractors

*Front suspension option for specialty tractor range / Available on Quantum V, N and F models with cabin, with or without front axle brakes / In-house innovative design / Suspension height can be set manually from the cab / Four ride modes suit every conditions and applications*



A new suspended front axle option is now available for Case IH Quantum tractors, bringing to the specialty tractor sector the same levels of on-road and in-field comfort that operators of larger models in the Case IH range already benefit from, helping to reduce fatigue and increase productivity.

### New suspended front axle

The new suspended front axle suspension option has been designed by Case IH engineers along similar lines to the established design proven on larger tractors. Utilising a swing arm design connected by a saddle-type pivot, the layout of the suspension system means the structure is particularly robust which ensures no friction is created between the saddle bar and the front axle.

With its pivot center located in a higher position than on alternative systems, the suspension provides higher levels of rolling comfort. There is +/- 3° of movement at the compression end-stop position, and +/- 8° at all other positions.

Suspension height can be set up manually from the cab, and this also allows any front implement to be attached and adjusted more easily. The system has four ride modes to suit all applications: locked, soft, medium and hard.

Additional features have been developed in order to further improve the driving experience of the new suspended front axle Quantum models. These include automatic ride height control, which ensures the full travel of the suspension is made available regardless of the load on the front axle.

An anti-dive/squat feature is designed to maximize tractor stability even when heavy implements are attached, while axle roll control balances the oil flow between the two cushioning cylinders, providing greater stability and comfort in hilly terrain.

**Availability of the new features**

The new suspended front axle option can be ordered on Quantum V, N and F models specified with a cab, and is available whether the tractor is fitted with front axle brakes. Operation of the front linkage, where specified, is unaffected.

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Press releases and photos: <http://mediacentre.caseiheurope.com>

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